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(54) HORIZONTAL DRAIN CONSTRUCTION METHOD IN SUBMARINE

(57) Abstract:

PURPOSE: To improve the quality of material, the reliability and profitability, and to facilitate execution of laying by vertically placing drain materials, in such a manner as to piece a net where a horizontal drain material to which a weight such as a reinforcement or the like is previously fitted on the submarine ground surface.

CONSTITUTION: A plastic net 2 is laid on the submarine ground 1, and drain materials 3 are vertically placed in the ground 1 in such a manner as to pierce the net 2. Then, a horizontal drain material 4 is laid thereon, and the head portions 3A of the drain materials 3 are bent to be sandwiched between the plastic net 2 and the horizontal drain material 4. By this arrangement, excessive interstitial water in the ground 1 is collected in the drain materials 3, discharged outside the zone by the horizontal drain material 4, and sliding breakage of foundation due to earth filling can be prevented.

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